

1       Amendments to the Claims:

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3       Please amend claims 1, 9 and 17 as indicated below. The state of the claims  
4 following this Amendment "A" is as follows:

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6       Claim 1 (currently amended). A method for automated testing of a graphical user  
7       interface (GUI) of a program, said method comprising:

8              creating a test case file comprising a plurality of test steps in a text format; and

9              executing a test harness with said test case file as input to said test harness, said  
10         test harness configured to execute one of a plurality of automated tests in response to  
11         one of a plurality of test steps, each automated test configured to test a corresponding  
12         user interface element of said program through a GUI map, said GUI map configured to  
13         define a logical name for each user interface element of said program.

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15       Claim 2 (original). The method for automated testing of a GUI of a program according to  
16       claim 1, wherein each test step comprises an object, an action, and an identification  
17       reference.

18       Claim 3 (original). The method for automated testing of a GUI of a program according to <sup>Claim 2</sup>  
19       wherein each test step further comprises an optional field value.

20       Claim 4 (original). The method for automated testing of a GUI of a program according to  
21       claim 3, wherein each test step further comprises an error recovery value.

22       Claim 5 (original). The method for automated testing of a GUI of a program according to  
23       claim 1, further comprising:

24              generating said GUI map of said program by extracting a logical name, a physical  
25         name, an identification, and an ordinal value for each user interface element of said  
program.

26       (Continued on next page.)

1 Claim 6 (original). The method for automated testing of a GUI of a program according to  
2 claim 1, further comprising:

3 generating said GUI map of said program from one of a prototype of said  
program, a design document of said program and an earlier version of said program.

5 Claim 7 (original). The method for automated testing of a GUI of a program according to  
6 claim 1, wherein:

7 each automated test is further configured to retrieve and to execute at least one  
8 of a plurality of associated reusable functions in response to said one of said plurality of  
test steps.

9 Claim 8 (original). The method for automated testing of a GUI of a program according to  
10 claim 1, further comprising:

11 outputting results of the execution of said plurality of automated tests in response  
12 to said test file.

13 Claim 9 (currently amended). A system for automated testing of a graphical user  
14 interface (GUI) of an application, said system comprising:

15 at least one processor;

16 a memory coupled to said at least one processor;

17 a test harness residing in said memory and executed by said at least one  
processor, wherein said test harness is configured to execute one of a plurality of  
18 automated tests in response to one of a plurality of test steps of a text format test data  
file, each automated test configured to test a corresponding user interface element of  
19 said application through a GUI map, said GUI map configured to define a logical name  
20 for each user interface element of said application.

22 Claim 10 (original). The system for automated testing of a GUI of an application  
23 according to claim 9, wherein each test step comprises an object, an action, and an  
identification reference.

25 Claim 11 (original). The system for automated testing of a GUI of an application  
according to claim 10, wherein each test step further comprises an optional field value.

1 Claim 12 (original). The system for automated testing of a GUI of an application  
2 according to claim 11, wherein each test step further comprises an error recovery value.

3 Claim 13 (original) The system for automated testing of a GUI of an application  
4 according to claim 9, wherein said GUI map of said application is generated with a GUI  
5 analyzer configured to extract a logical name, a physical name, an identification and an  
6 ordinal value for each user interface element of said application.

7 Claim 14 (original). The system for automated testing of a GUI of an application  
8 according to claim 9, wherein said GUI map of said application is generated from one of  
9 a prototype of said application, a design document of said application, and an earlier  
10 version of said application.

11 Claim 15 (original). The system for automated testing of a GUI of an application  
12 according to claim 9, wherein each automated test is further configured to retrieve and  
13 to execute at least one of a plurality of associated reusable functions in response to said  
14 one of said plurality of test steps.

15 Claim 16 (original). The system for automated testing of a GUI of an application  
16 according to claim 9, wherein said test harness is further configured to generate an  
17 output file configured to contain results of said execution of said plurality of automated  
18 tests in response to said test file.

19 Claim 17 (currently amended). A computer readable storage medium on which is  
20 embedded one or more computer programs, said one or more computer programs  
21 implementing a method for automated testing of a graphical user interface (GUI) of an  
22 application, said one or more computer programs comprising a set of instructions for:

23 creating a test case file comprising a plurality of test steps in a text format; and  
24 executing a test harness with said test case file as input to said test harness, said  
25 test harness configured to execute one of a plurality of automated tests in response to  
one of a plurality of test steps, each automated test configured to test a corresponding  
user interface element of said program through a GUI map, said GUI map configured to  
define a logical name for each user interface element of said program.

1 Claim 18 (original). The computer readable storage medium in according to claim 17,  
2 said one or more computer programs further comprising a set of instructions for:

3 generating said GUI map of said program by extracting a logical name, a physical  
4 name, an identification, and an ordinal value for each physical element of said program.

5 Claim 19 (original). The computer readable storage medium in according to claim 17,  
6 said one or more computer programs further comprising a set of instructions for:

7 outputting an output file configured to contain results of the execution of said  
8 plurality of automated tests in response to said test file.

9 Claim 20 (original). The computer readable storage medium in according to claim 17,  
10 wherein said one or more computer programs further comprising a set of instructions for:

11 each automated test further configured to retrieve and to execute at least one of  
12 a plurality of associated reusable functions in response to said one of said plurality of  
test steps.

13 (End of Amendment "A".)

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15 (Continued on next page.)

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